



ELSEVIER

## Author Index

- Alcantara, M.R. 151  
Bailey, A.I. 1  
Bakoš, D. 197  
Benavente, J. 13  
Bezot, P. 53  
Bousta, M. 235  
Bru, R. 263  
Bruque, S. 13  
  
Cabeza, A. 13  
Cano Suárez, A. 227  
Cárdenas-Valera, A.E. 1  
Carrique, F. 141  
Čeppan, M. 197  
Chen, M. 203  
Chonde Mouzo, O. 83  
  
Davies, M.C. 235  
Davis, S.S. 235  
Delgado, A.V. 141  
de Souza Brito, G.E. 217  
Diraison, C. 53  
Dynarowicz, P. 83  
  
Espinosa Jiménez, M. 227  
Fainerman, V.B. 65, 255  
Fang, J. 271  
  
García-Carmona, F. 263  
Garnett, M.C. 235  
Garnier, J.M. 203  
  
Garti, N. 91  
Goworek, J. 27  
  
Hesse-Bezot, C. 53  
Holmberg, K. 169  
Horr, T.J. 183  
  
Illum, L. 235  
Iribarnegaray Jado, E. 83  
Ismail, H.M. 247  
  
Jawién, W. 83  
Joos, P. 271  
  
Kaneshina, S. 21  
Kizling, J. 169  
Kordulis, Ch. 109  
Kunjappu, J.T. 101  
  
Levy, N. 91  
López-Nicholás, J.M. 263  
Lunkenheimer, K. 271  
Lycourghiotis, A. 109  
  
Magdassi, S. 91  
Martin, J.M. 203  
Martinez, M. 13  
Maruyama, S. 21  
Matsuki, H. 21  
Miller, R. 255  
Miller, R. 65  
Mingyuan, L. 119  
Miñones Trillo, J. 83  
Misak, N.Z. 129  
Mouchel, J.M. 203  
  
Neuhäusler, S. 39  
Nieradka, A. 27  
  
Oh, S.G. 169  
  
Pisářčík, M. 197  
Plucinski, P. 157  
Pulcinelli, S.H. 217  
  
Quirantes, A. 141  
  
Ralston, J. 183  
Ramos Barrado, J.R. 13  
Reitmeir, J. 157  
Richtering, W. 39  
Rønningsen, H.P. 119  
Rousset, B. 53  
  
Sanchez-Caballero, C.V. 83  
Santilli, C.V. 217  
Sivadasan, K. 101  
Sjöblom, J. 119  
Slavov, S. 109  
Somasundaran, P. 101  
Spanos, N. 109  
St. C. Smart, R. 183  
Stolnik, S. 235  
  
Van Uffelen, M. 271  
Vanin, J.A. 151  
Vert, M. 235  
Vila Romeu, N. 83





## Subject Index

- A.c. measurements, 13  
Acetylsalicylic acid, 197  
Adsorbed layer, 271  
Adsorption, 27, 91  
Adsorption density, 183  
Adsorption isotherms, 129  
Adsorption kinetics, 65  
Ageing, 119  
Aggregation kinetics, 53  
Arachidonic acid, 263
- Benzyl esters of poly( $\beta$ -malic acid), 235  
Biodegradable colloid, 235
- Carbon black, 53  
Cationic dye, 227  
Chromia catalysts, 109  
Coagel, 21  
Colloidal stability, 235  
Conformation, 101  
Contact angle, 183  
Cosurfactants, 157  
Cyclodextrin, 263
- D.c. measurements, 13  
Degradation, 91  
Dielectric relaxation, 141  
Diffusion, 39  
Distribution of relaxation times, 141  
Drop time, 255  
Drop volume bifurcations, 255  
Drop volume technique, 255  
Drug carriers, 235  
Dynamic light scattering, 53  
Dynamic Stern layer model, 141  
Dynamic surface tension, 65
- Electrophoretic mobility, 91  
Electrokinetic properties, 227  
Electrostatic stabilization, 235  
Emulsion stability, 1, 119  
Emulsions, 1
- Enthalpy of adhesion, 203  
Equilibrium deposition filtration, 109  
Ethyl xanthogenate, 227
- Flocculation, 91  
Fractal structure, 53, 217
- Graft copolymers, 1  
Guar derivatives, 91
- High pressure, 21  
Hyaluronic acid, 197  
Hydrodynamic effects, 255  
Hydrophilic surfaces, 183
- Inclusion complex, 263  
Ion exchange, 129  
Ion exchange parameters, 129
- Kinetics, 157
- Langmuir isotherm, 129  
Linear compression, 271  
Linoleic acid, 263  
Liquid crystals, 151  
Local anesthetic, 21  
Lyomesophases, 151  
Lyotropic liquid crystals, 151
- Maximum bubble pressure, 65  
Membranes, 13  
Micelle, 21  
Microelectrophoresis, 109  
Microemulsion, 157, 169  
Micropore evaluation, 217  
Mixed spread films, 83  
Modulus of elasticity, 271  
Molecular interaction, 83  
Multisite adsorption, 129  
Multisite heterovalent exchange, 129

- Non-Newtonian properties, 197  
Nonionics, 65  
Nucleophilic substitution, 169  
  
Oil–water interface, 1  
Organic solvents, 203  
  
Phase diagram, 169  
Phase transition, 21  
Polyacrylic acid, 101  
Polyester fibers, 227  
Poly(lactic acid-co-glycolide), 235  
Preparation of supported catalysts, 109  
  
Quaternary amine, 91  
  
Rheology, 39, 151  
  
Samarium acetylacetone, 247  
Shear, 197  
Silanes, 183  
Silica, 183  
Silica catalysts, 109  
Silica gel, 27  
Sintering, 217  
SnO<sub>2</sub> sol–gel powder, 217  
  
Sodium decyl sulfonate, 169  
Solid/liquid interface, 101  
Solids, 203  
Solubilization, 157, 169  
Sorption, 227  
Standard electrokinetic model, 141  
Static light scattering, 53  
Sterically stabilized polymer dispersions, 39  
Steric stabilization, 235  
Sugar–liquid interaction, 263  
Surface hydroxyl groups, 203  
Surfactant mixtures, 65  
  
Ternary mixtures, 27  
Thermal decomposition, 247  
Titania catalysts, 109  
  
Uranyl phosphate, 13  
  
Viscosity, 151, 197  
  
Water/air interface, 83  
Water-in-crude oil emulsions, 119  
Wetting, 203  
  
Zeta potential–pH profiles, 235

